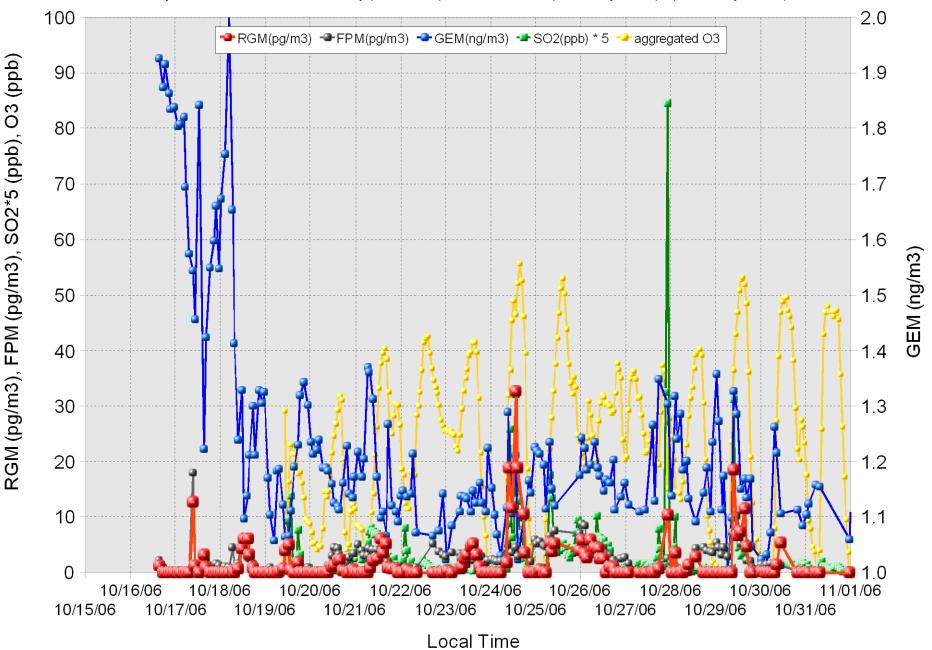
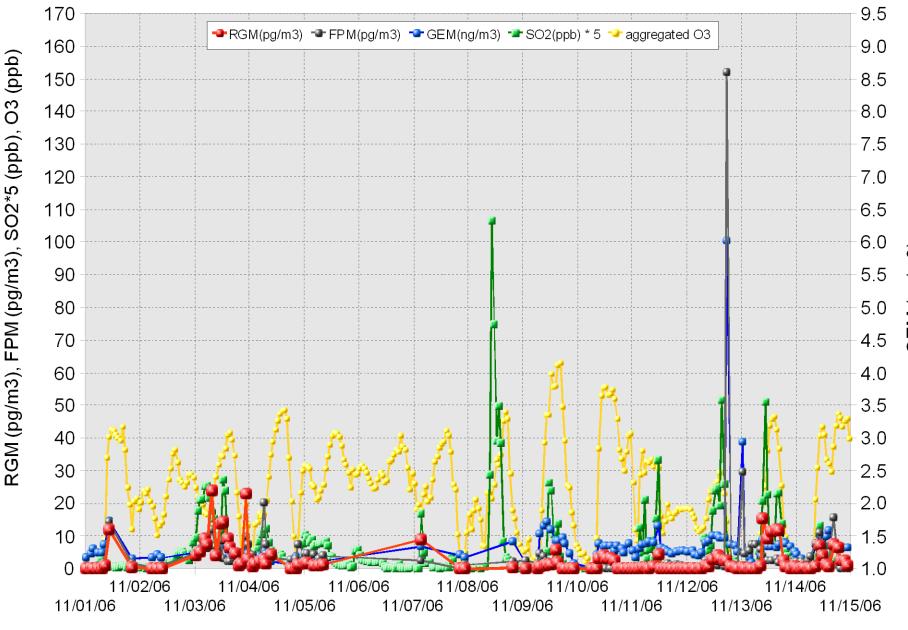
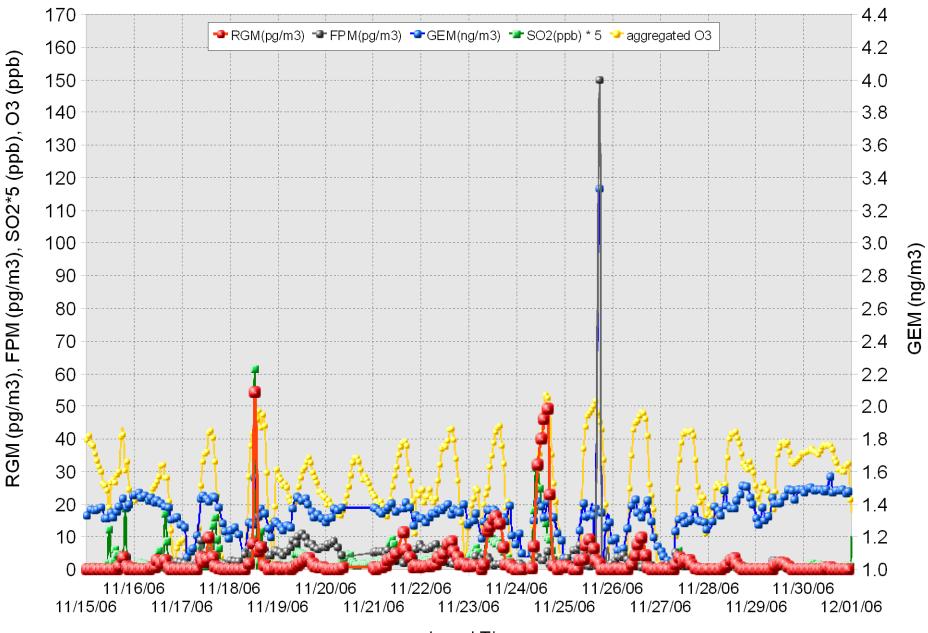
# Original Location of Site

Speciated Atmospheric Mercury and Selected Trace Gas Concentration Measurements at Grand Bay NERR



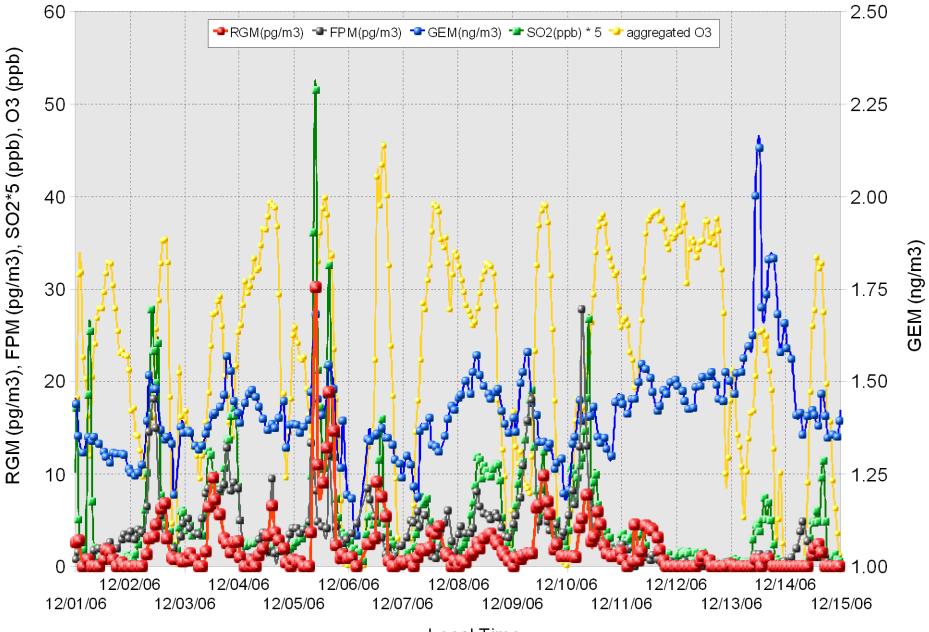


Local Time



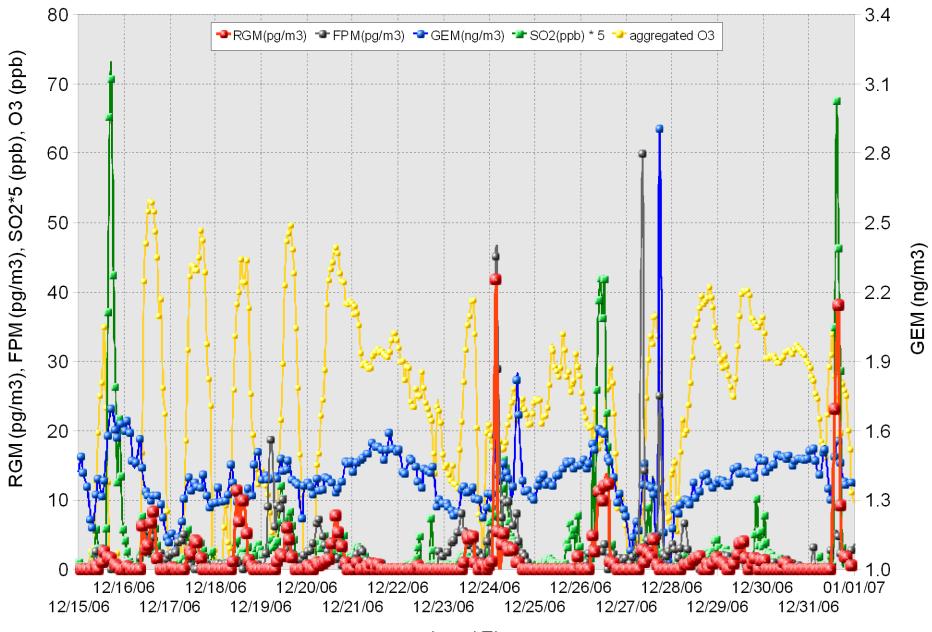
Local Time

Speciated Atmospheric Mercury and Selected Trace Gas Concentration Measurements at Grand Bay NERR



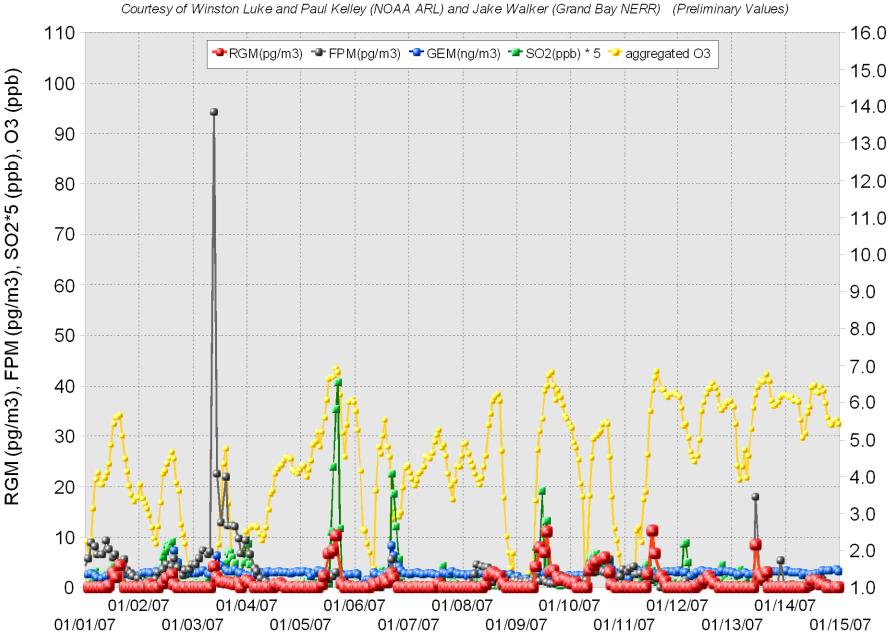
Local Time

Speciated Atmospheric Mercury and Selected Trace Gas Concentration Measurements at Grand Bay NERR



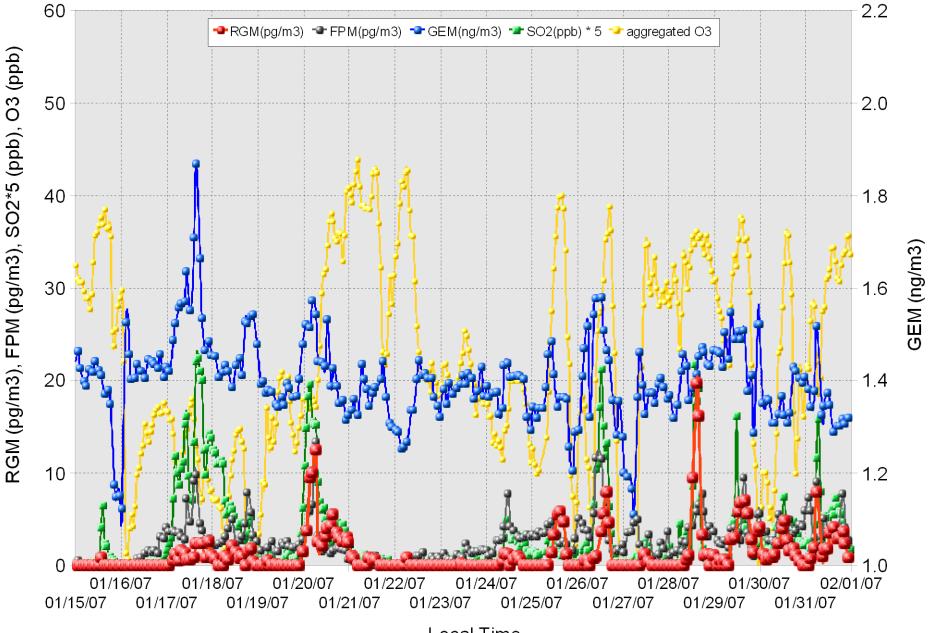
Local Time

GEM (ng/m3)



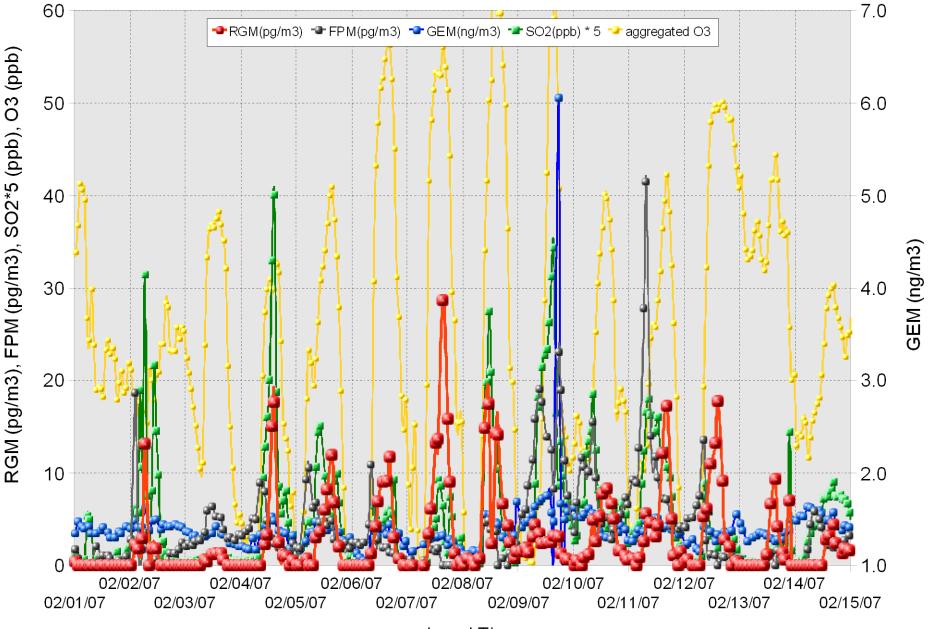
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Speciated Atmospheric Mercury and Selected Trace Gas Concentration Measurements at Grand Bay NERR



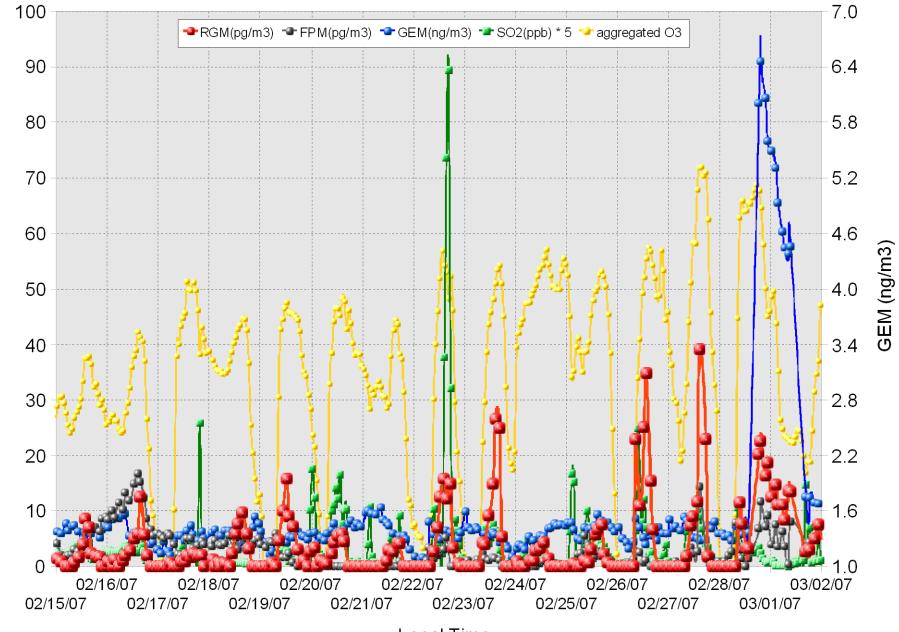
Local Time

Speciated Atmospheric Mercury and Selected Trace Gas Concentration Measurements at Grand Bay NERR



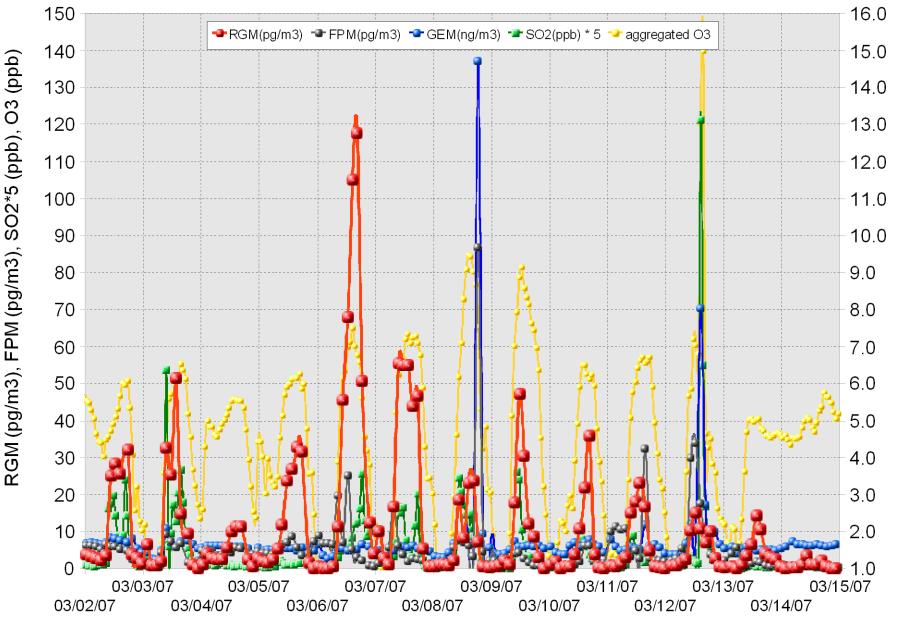
Local Time

Speciated Atmospheric Mercury and Selected Trace Gas Concentration Measurements at Grand Bay NERR

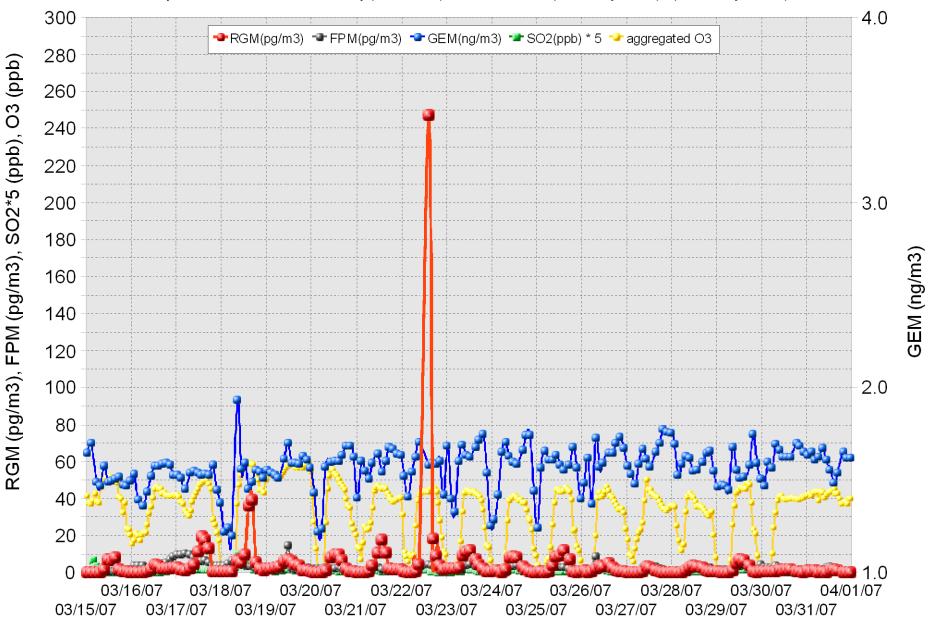


RGM (pg/m3), FPM (pg/m3), SO2\*5 (ppb), O3 (ppb)

Local Time

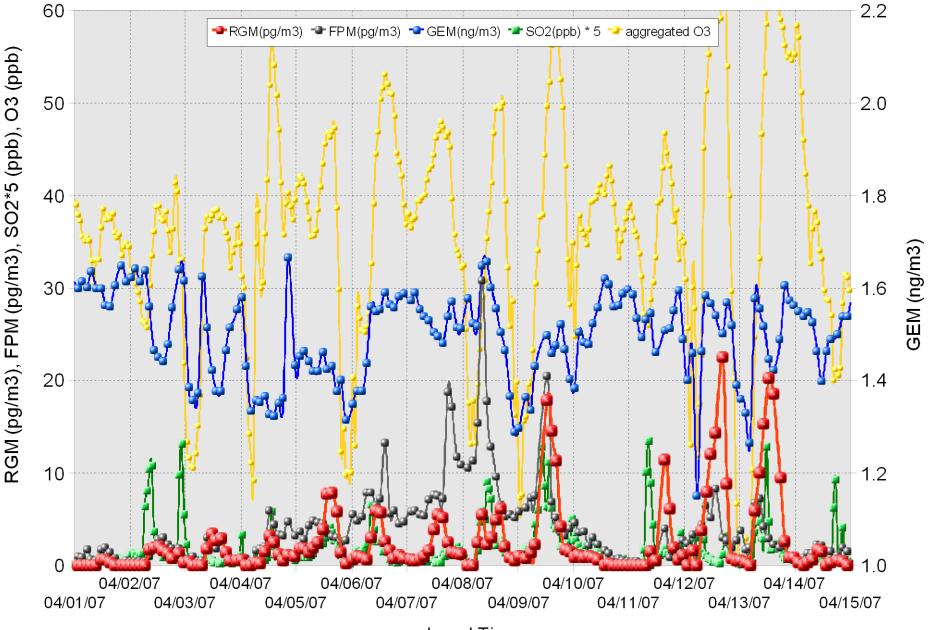


Local Time



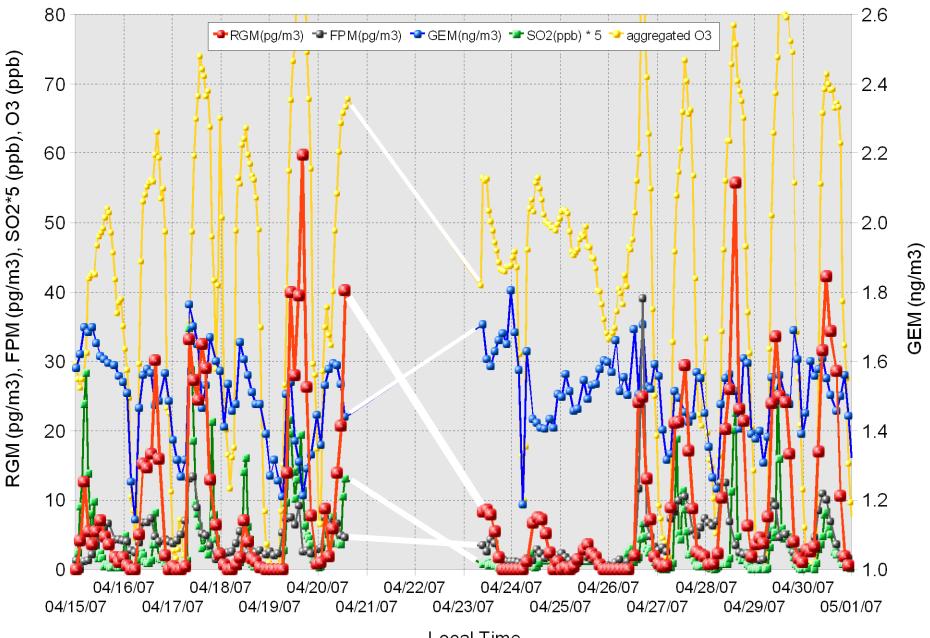
Local Time

Speciated Atmospheric Mercury and Selected Trace Gas Concentration Measurements at Grand Bay NERR



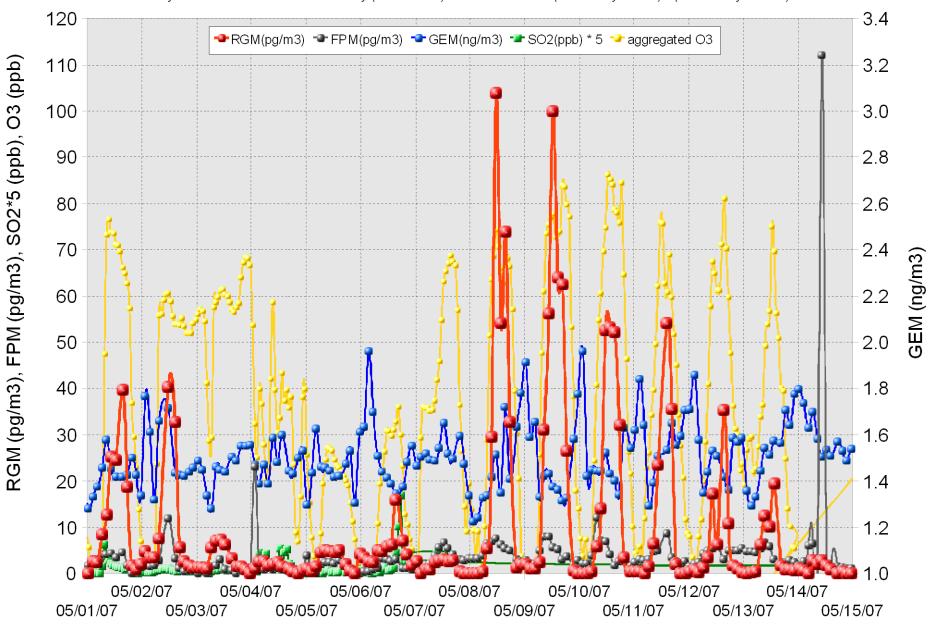
Local Time

Speciated Atmospheric Mercury and Selected Trace Gas Concentration Measurements at Grand Bay NERR



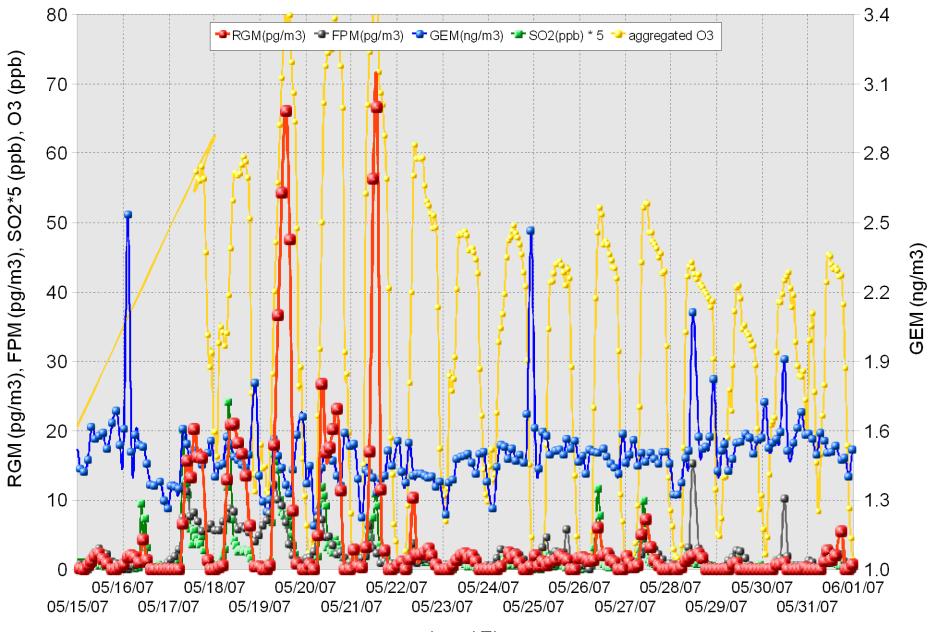
Local Time

Speciated Atmospheric Mercury and Selected Trace Gas Concentration Measurements at Grand Bay NERR



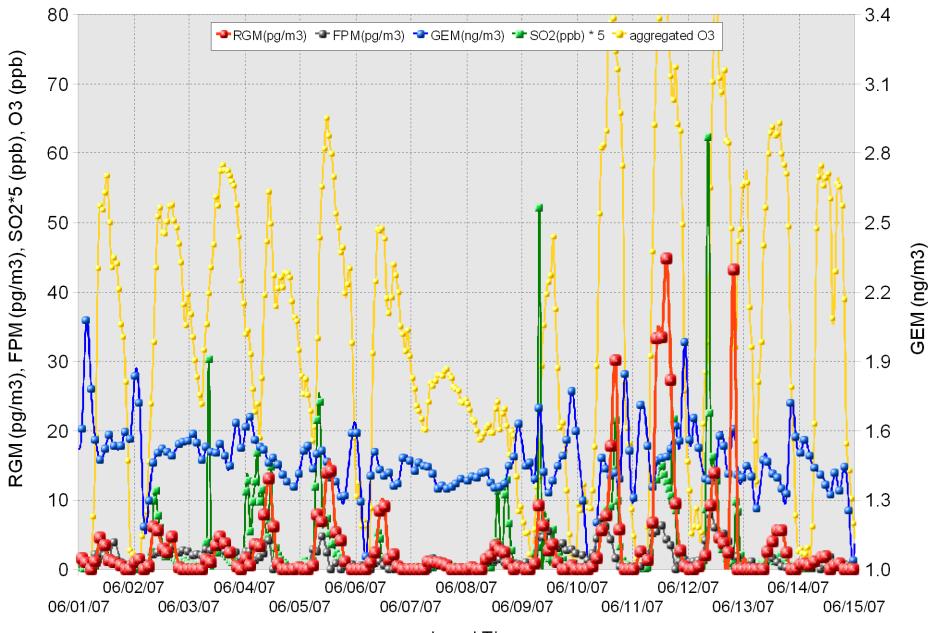
Local Time

Speciated Atmospheric Mercury and Selected Trace Gas Concentration Measurements at Grand Bay NERR



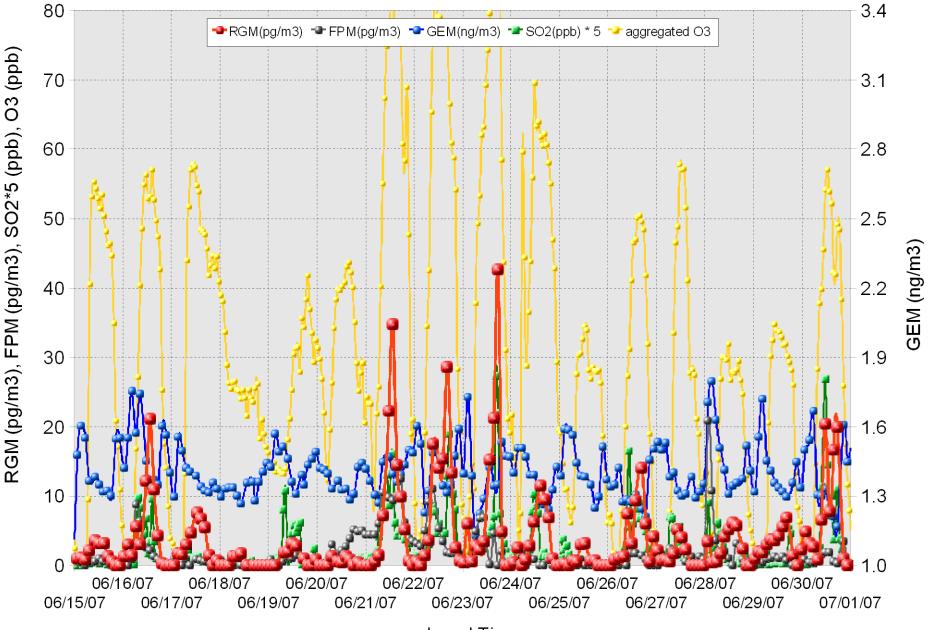
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Speciated Atmospheric Mercury and Selected Trace Gas Concentration Measurements at Grand Bay NERR

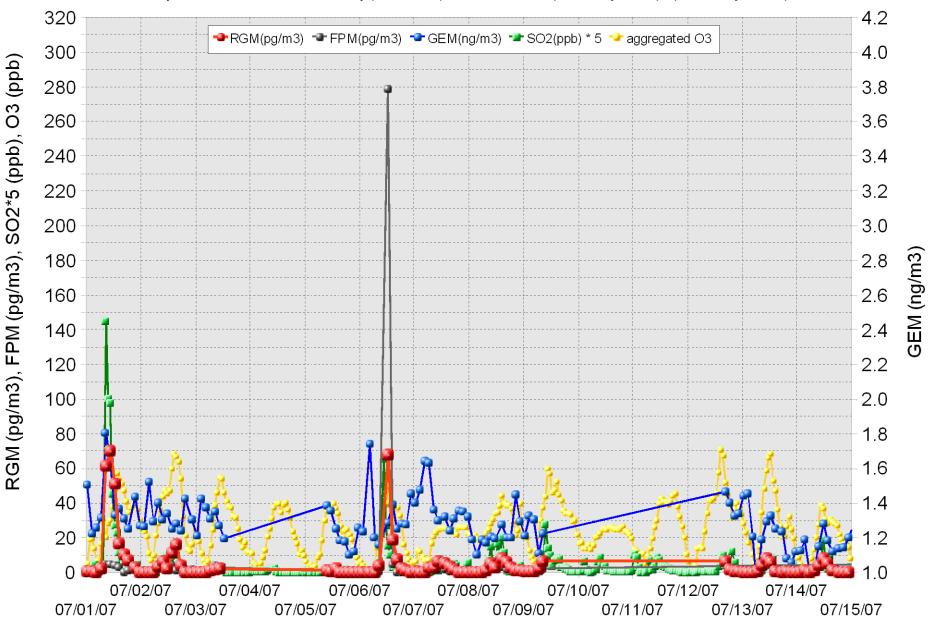


Local Time

Speciated Atmospheric Mercury and Selected Trace Gas Concentration Measurements at Grand Bay NERR

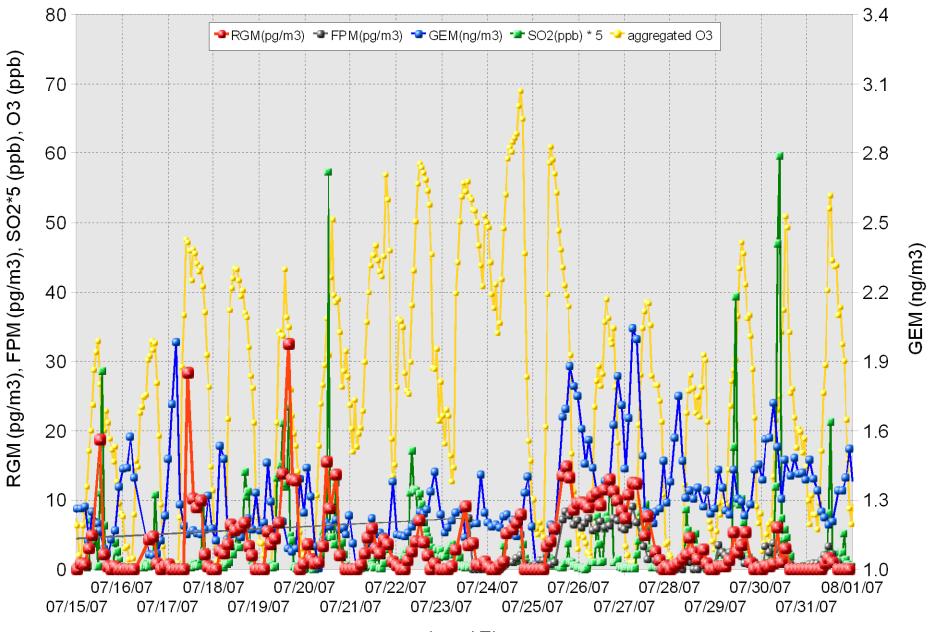


Local Time

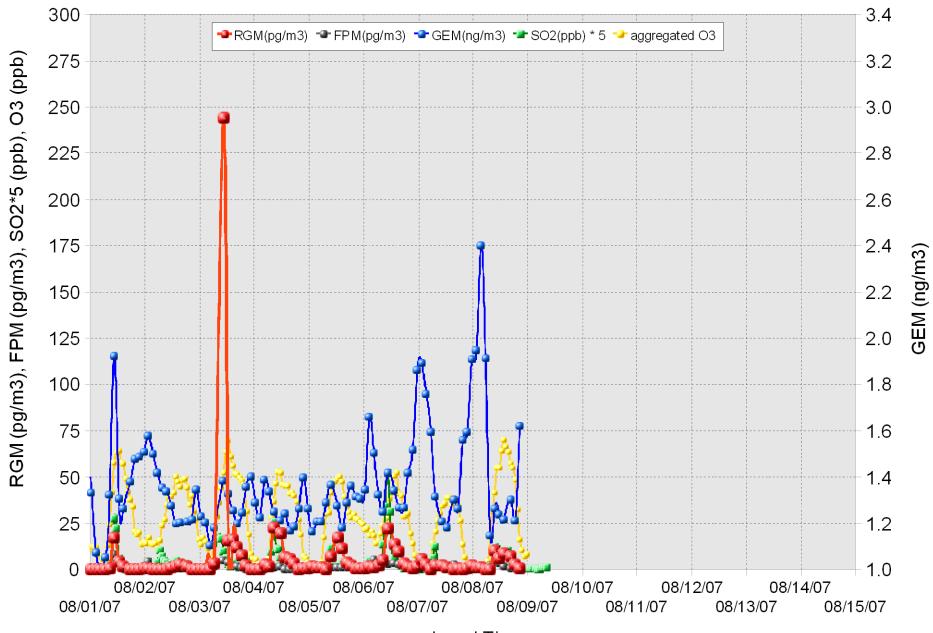


Local Time

Speciated Atmospheric Mercury and Selected Trace Gas Concentration Measurements at Grand Bay NERR

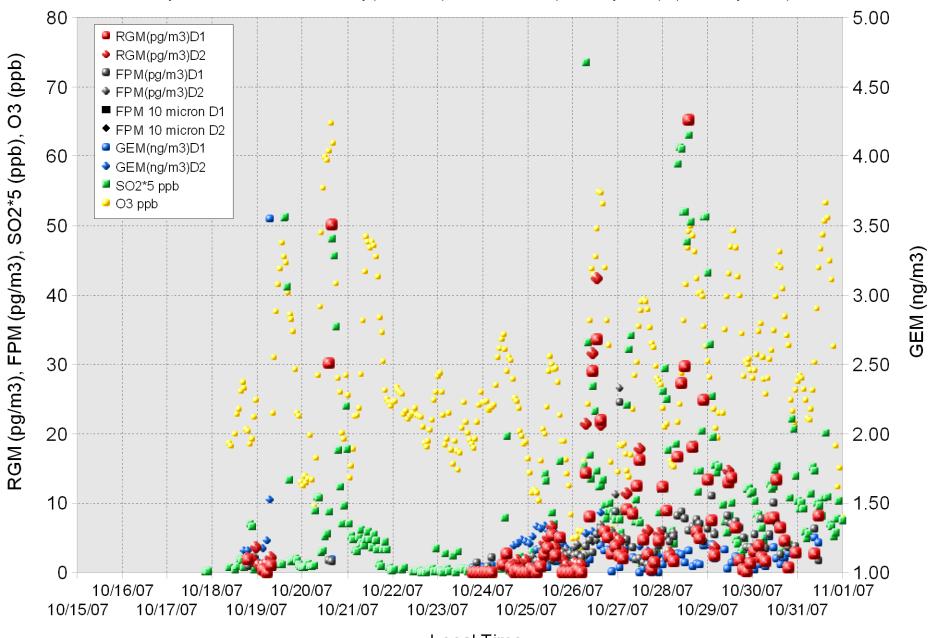


Local Time



Local Time

# Site Moved to "Pavillion" Location Nearer the Water



Local Time

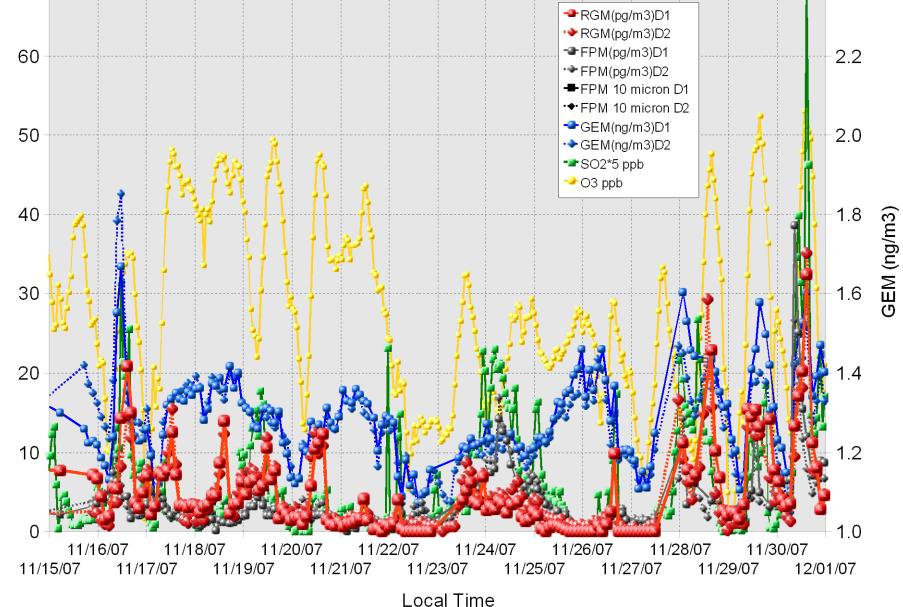
Courtesy of Winston Luke and Paul Kelley (NOAA ARL) and Jake Walker (Grand Bay NERR) (Preliminary Values) 150 8.50 RGM(pg/m3)D1 140 8.00 ▶ RGM(pg/m3)D2 RGM (pg/m3), FPM (pg/m3), SO2\*5 (ppb), O3 (ppb) FPM(pg/m3)D1 130 7.50 ◆ FPM(pg/m3)D2 ■ FPM 10 micron D1 120 7.00 ◆ FPM 10 micron D2 GEM(ng/m3)D1 110 6.50 GEM(ng/m3)D2 SO2\*5 ppb 100 6.00 O3 ppb 5.50 90 GEM (ng/m3) 80 5.00 70 4.50 60 4.00 33 50 3.50 40 3.00 30 2.50 20 2.00 10 1.50 0 1.00 11/02/07 11/04/07 11/06/07 11/08/07 11/10/07 11/12/07 11/14/07 11/01/07 11/03/07 11/05/07 11/07/07 11/09/07 11/11/07 11/13/07 11/15/07

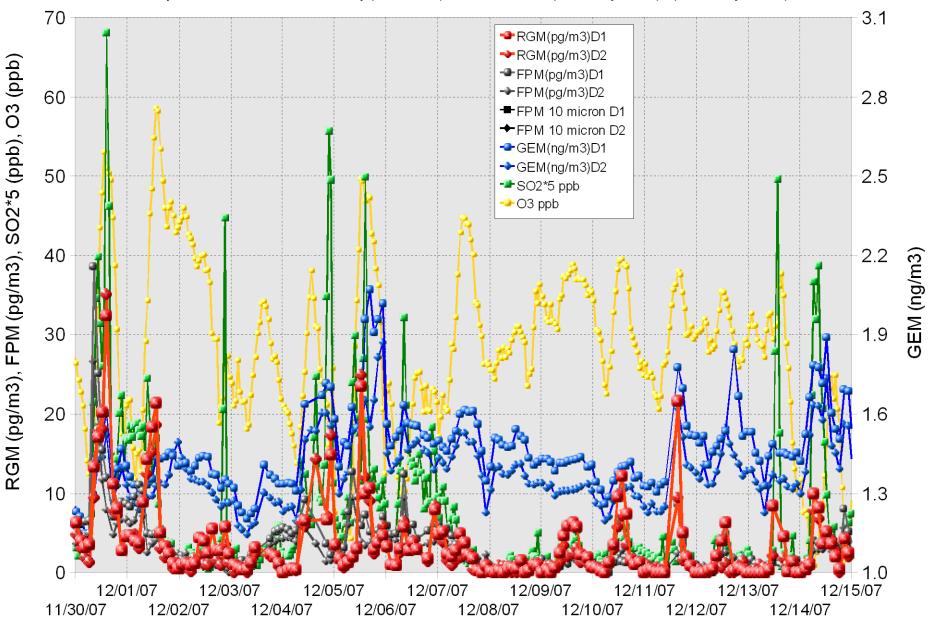
Local Time

Speciated Atmospheric Mercury and Selected Trace Gas Concentration Measurements at Grand Bay NERR

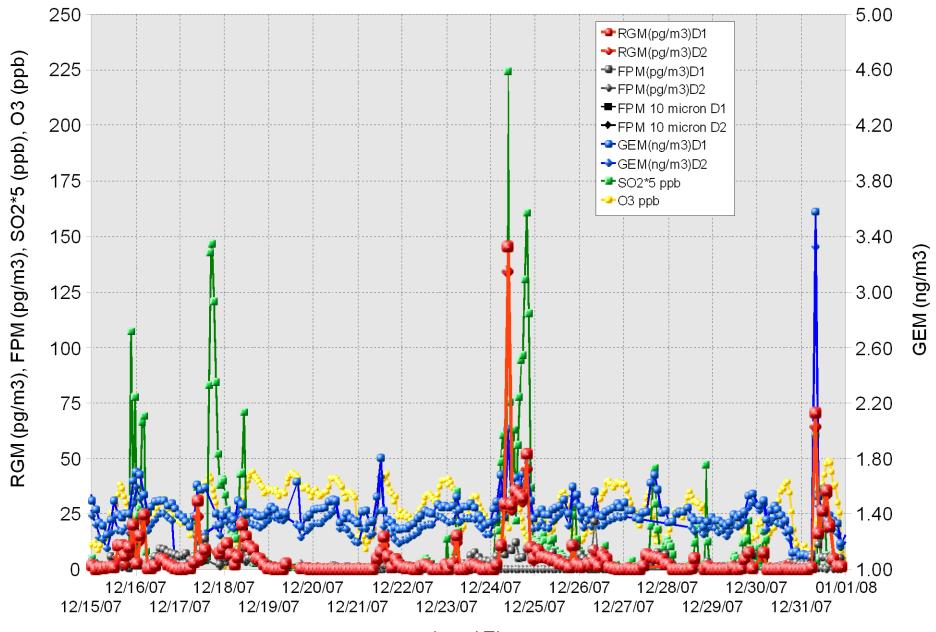
Courtesy of Winston Luke and Paul Kelley (NOAA ARL) and Jake Walker (Grand Bay NERR) (Preliminary Values) 70 2.4 RGM(pg/m3)D1 • RGM(pg/m3)D2 FPM(pg/m3)D1 60 2.2 \*\* FPM(pg/m3)D2 → FPM 10 micron D1 · ◆· FPM 10 micron D2 GEM(ng/m3)D1 50 2.0 -> GEM(ng/m3)D2 **■** SO2\*5 ppb O3 ppb 40 1.8 30 1.6 20

RGM (pg/m3), FPM (pg/m3), SO2\*5 (ppb), O3 (ppb)

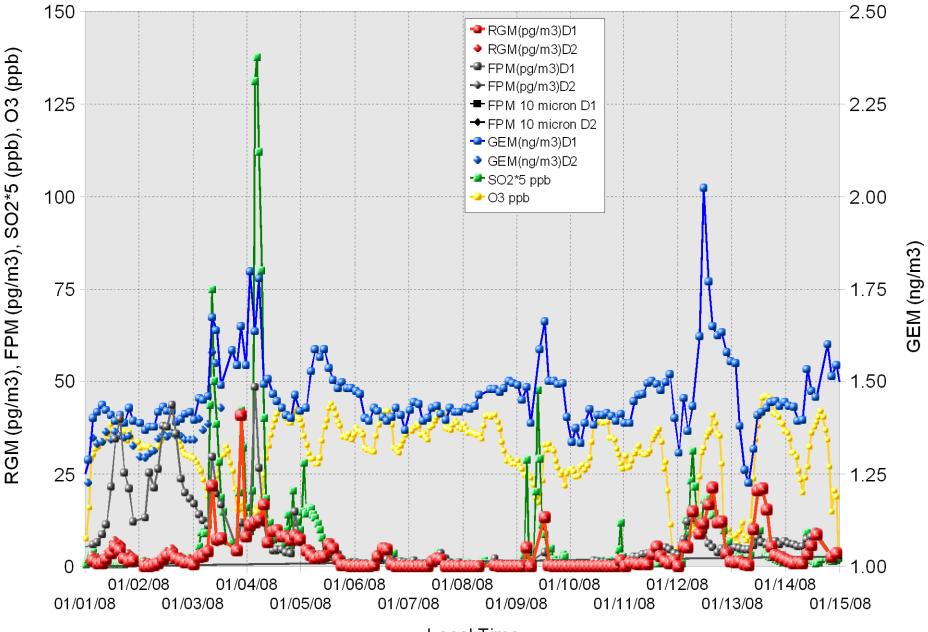




Local Time

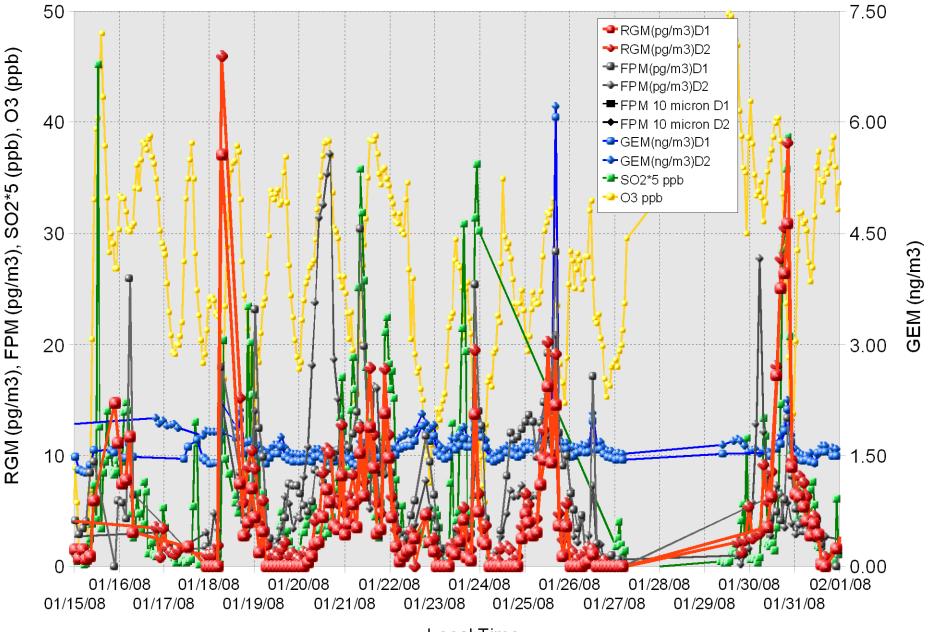


Local Time

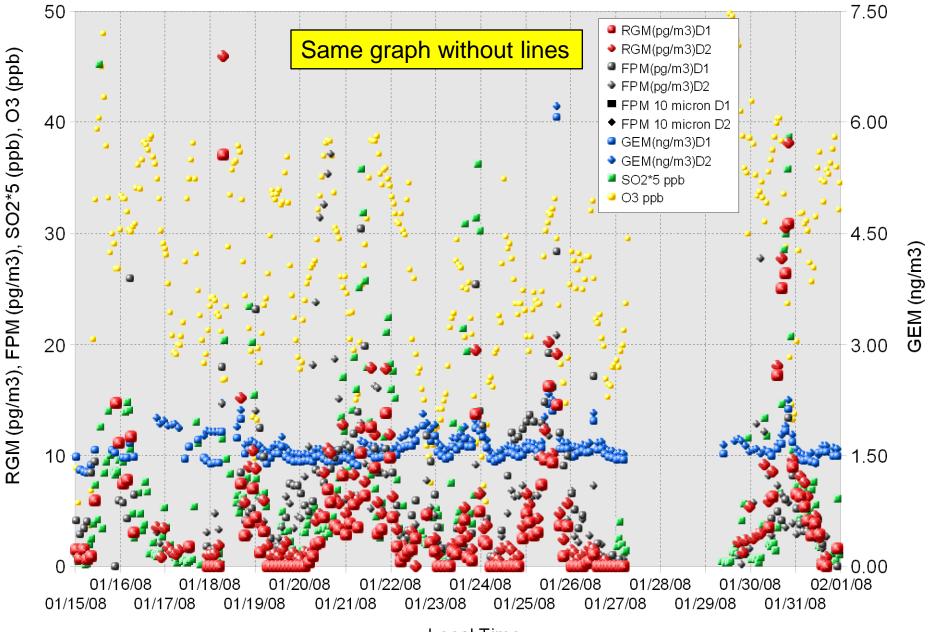


Local Time

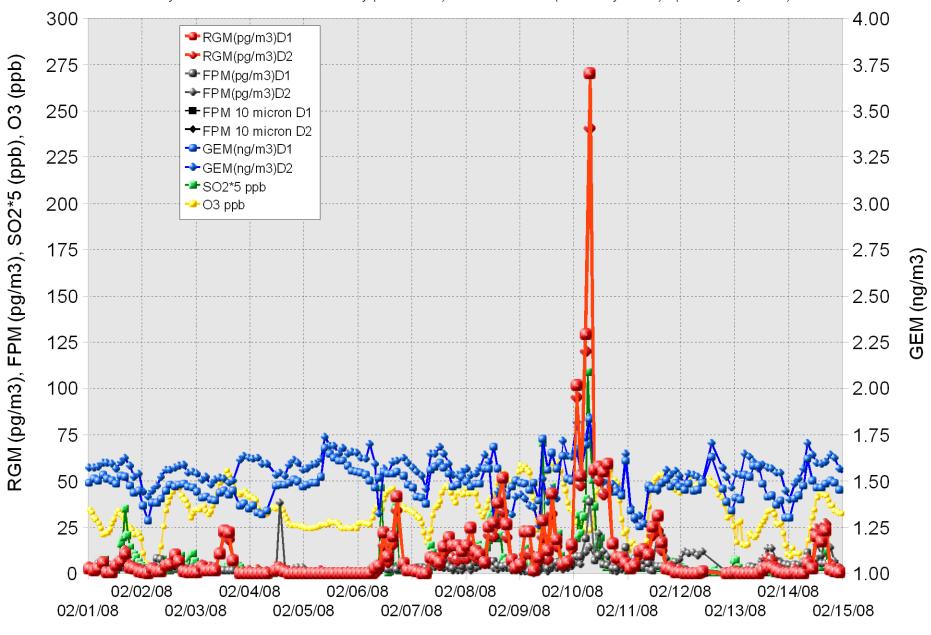
Speciated Atmospheric Mercury and Selected Trace Gas Concentration Measurements at Grand Bay NERR



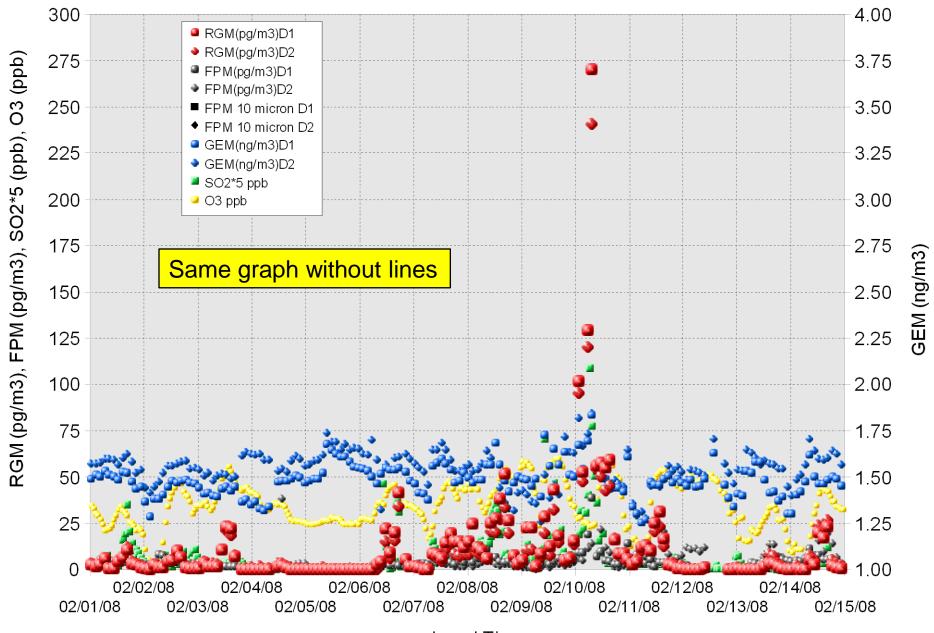
Local Time



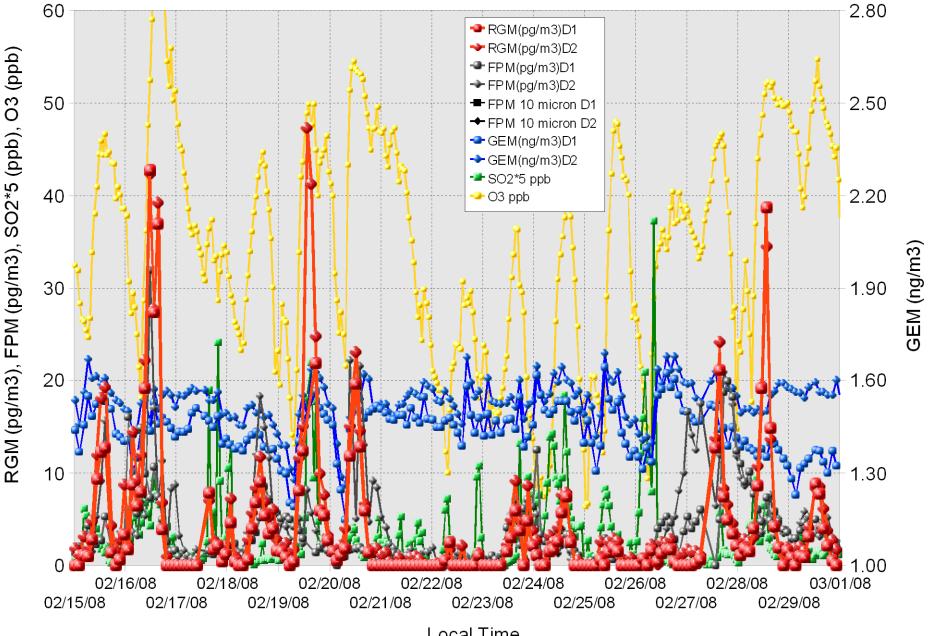
Local Time



Local Time

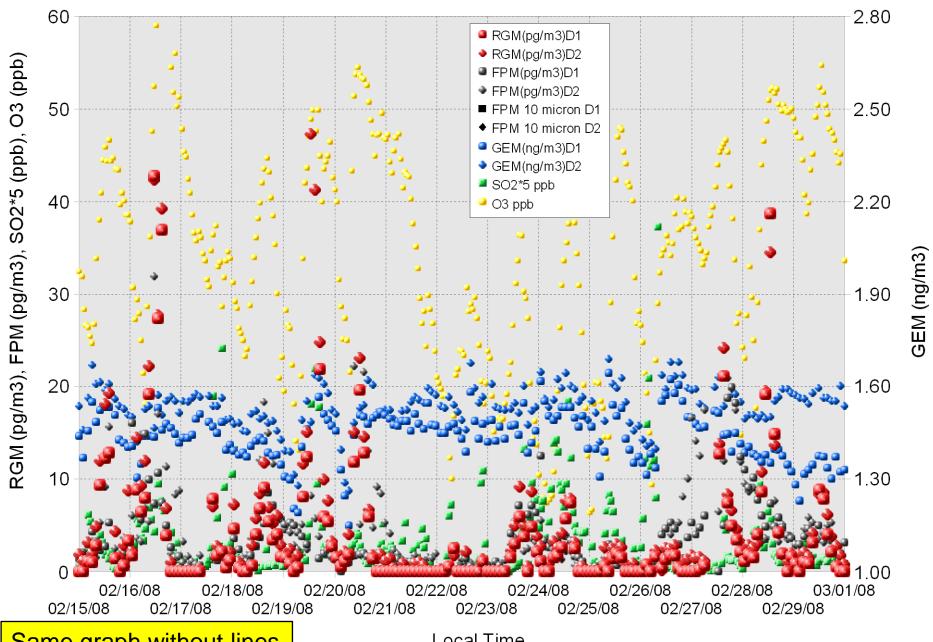


Local Time



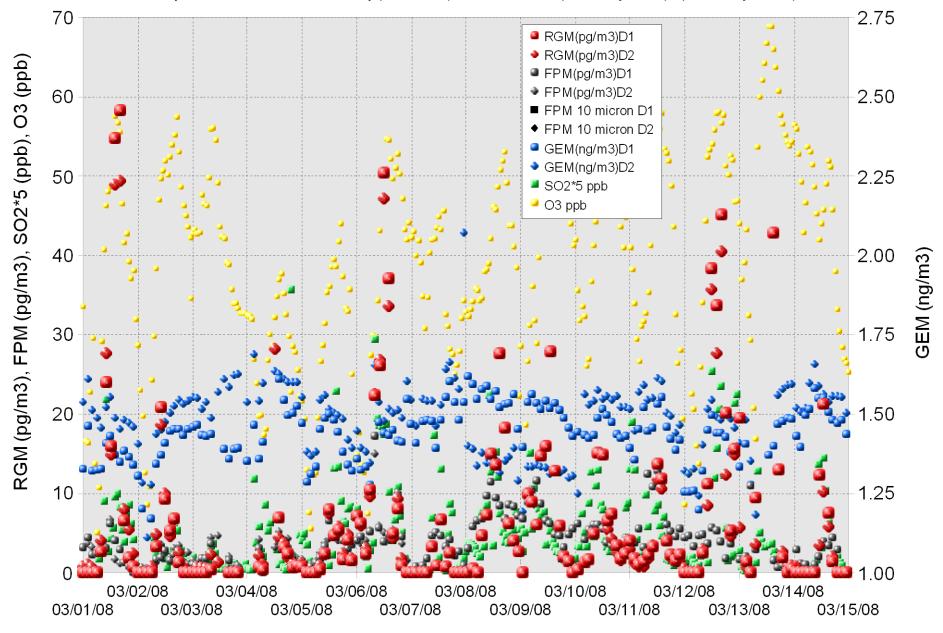
Local Time

Courtesy of Winston Luke and Paul Kelley (NOAA ARL) and Jake Walker (Grand Bay NERR) (Preliminary Values)

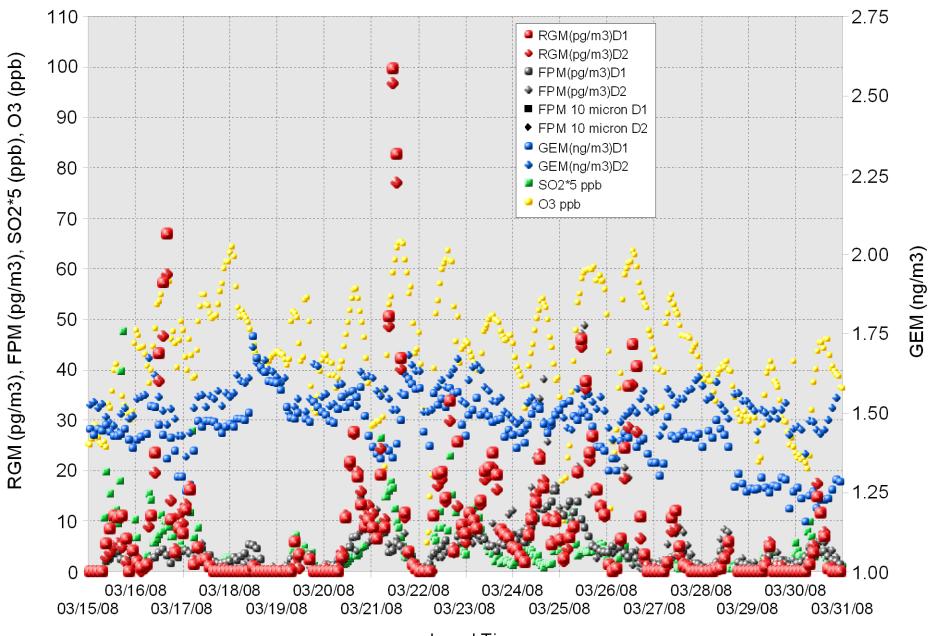


Same graph without lines

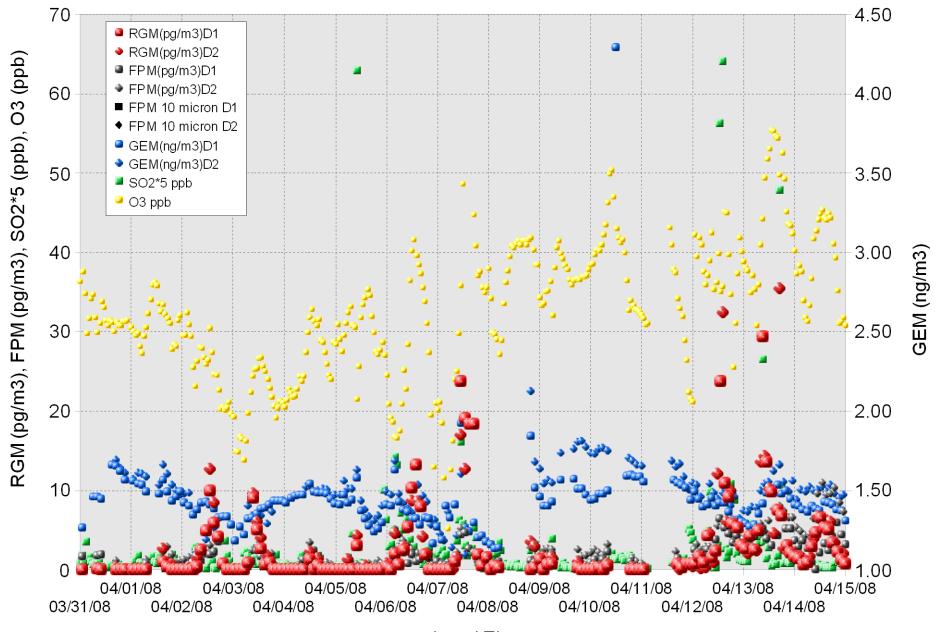
Local Time



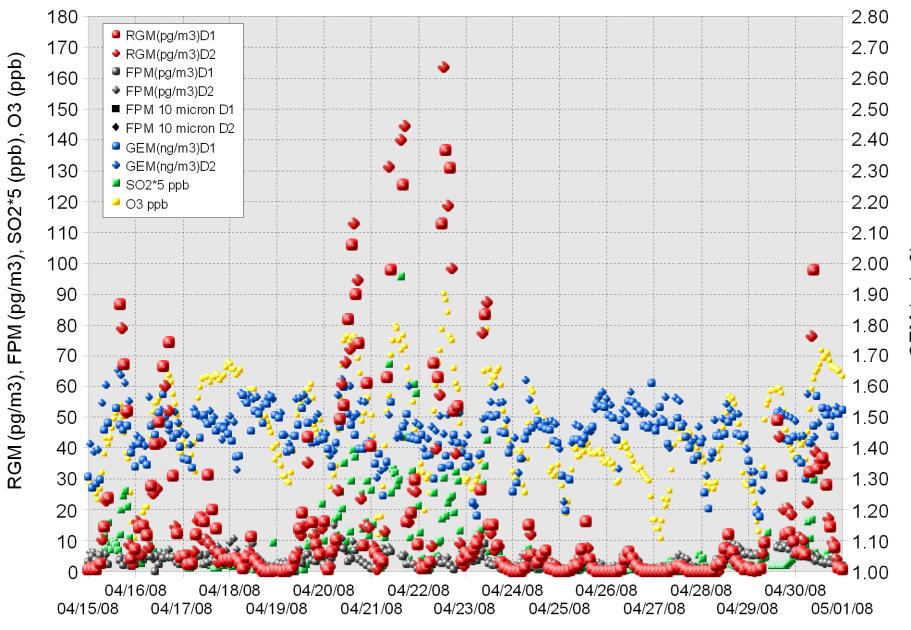
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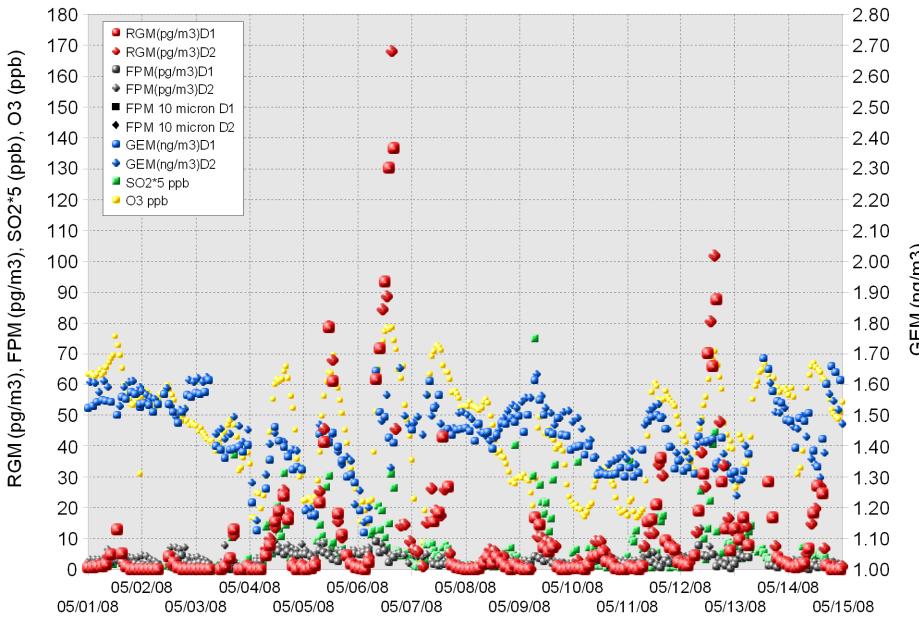
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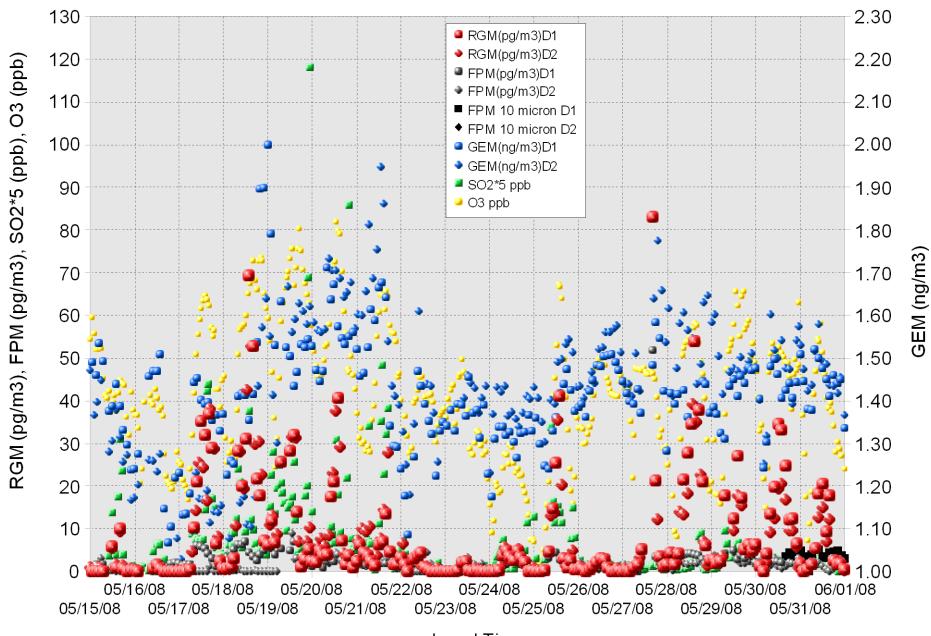
Local Time



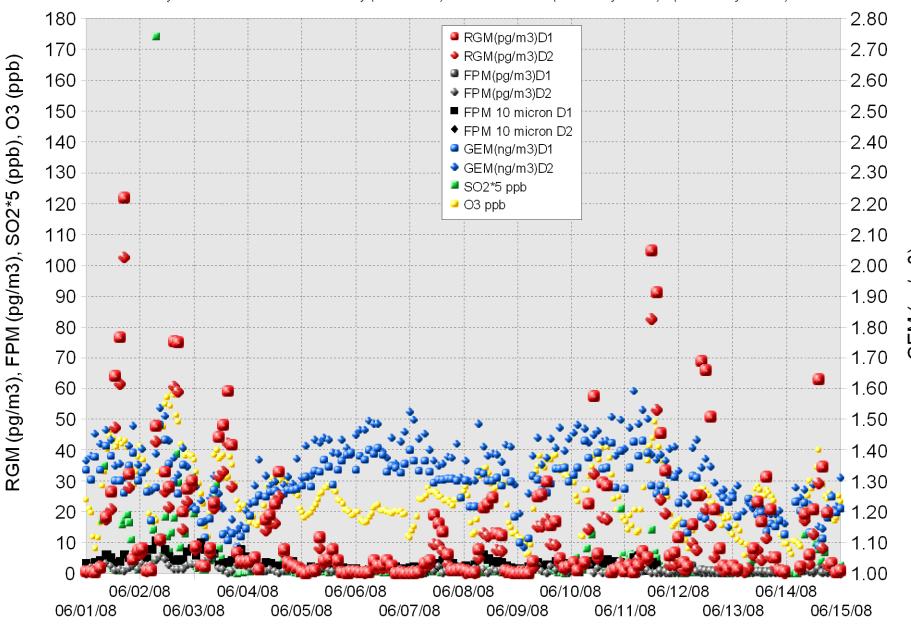
Local Time



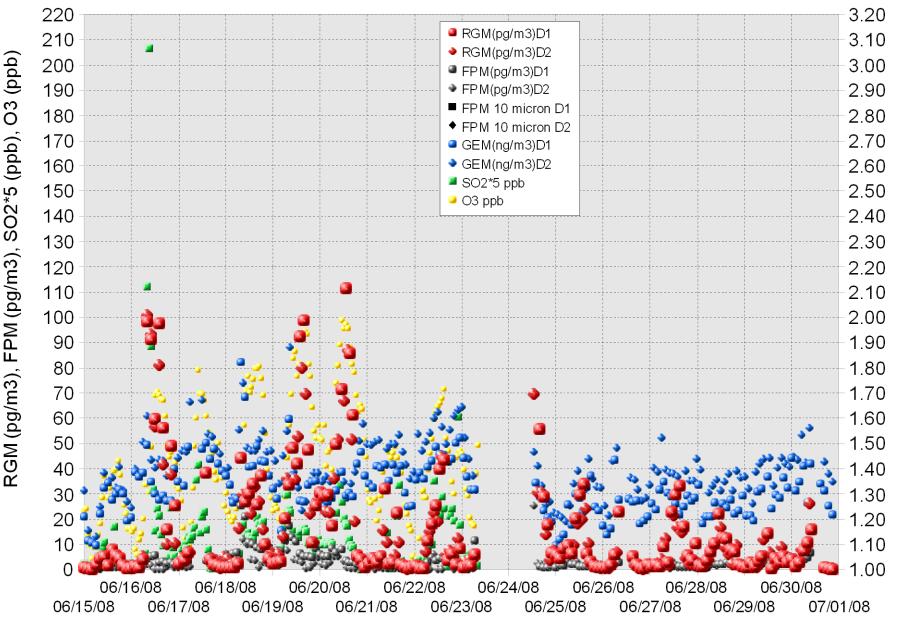
Local Time



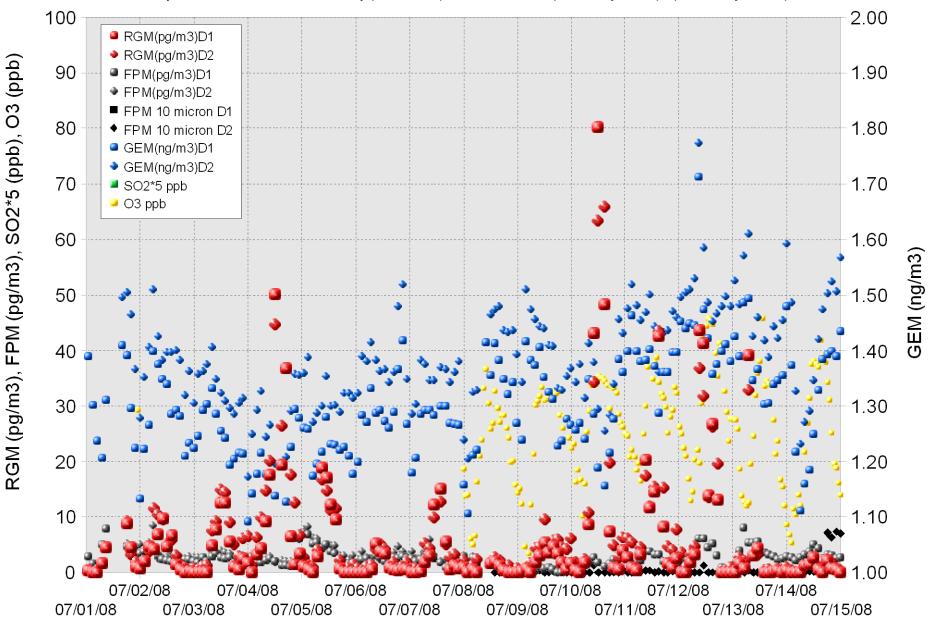
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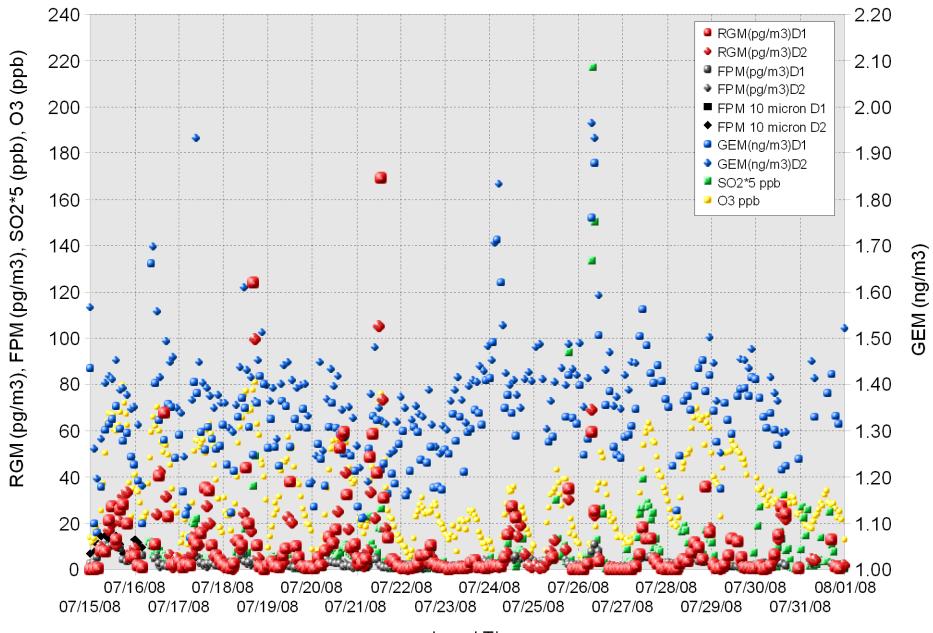
Local Time



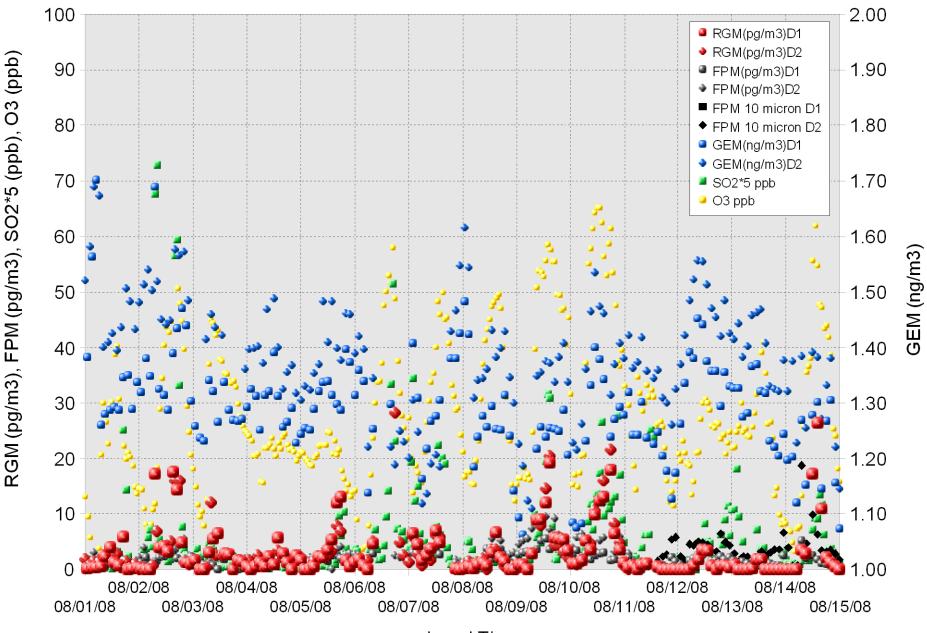
Local Time



Local Time



Local Time



Local Time

